

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/035,045A
Source: 1FW16
Date Processed by STIC: 3/22/07

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 03/22/2007

PATENT APPLICATION: US/10/035,045A

TIME: 15:12:59

Input Set : A:\67824901.APP

Output Set: N:\CRF4\03222007\J035045A.raw

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3 <110> APPLICANT: ADLER, JON ELLIOT
4     LI, XIAODONG
5     STASZEWSKI, LENA
6     O'CONNELL, SHAWN
7     ZOZULYA, SERGEY
9 <120> TITLE OF INVENTION: T1R TASTE RECEPTORS AND GENES ENCODING SAME
11 <130> FILE REFERENCE: 67824.428901
13 <140> CURRENT APPLICATION NUMBER: 10/035,045A
14 <141> CURRENT FILING DATE: 2002-01-03
16 <150> PRIOR APPLICATION NUMBER: 60/259,227
17 <151> PRIOR FILING DATE: 2001-01-03
19 <150> PRIOR APPLICATION NUMBER: 60/284,547
20 <151> PRIOR FILING DATE: 2001-04-19
22 <160> NUMBER OF SEQ ID NOS: 24
24 <170> SOFTWARE: PatentIn Ver. 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 876
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapiens
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153 <210> SEQ ID NO: 4

154 <211> LENGTH: 852

155 <212> TYPE: PRT

156 <213> ORGANISM: Homo sapiens

158 <400> SEQUENCE: 4

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172 65          70          75          80
174 Glu Glu Ile Asn Asn Lys Ser Asp Leu Leu Pro Gly Leu Arg Leu Gly
175          85          90          95
177 Tyr Asp Leu Phe Asp Thr Cys Ser Glu Pro Val Val Ala Met Lys Pro
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181          115         120         125
183 Cys Asn Tyr Thr Gln Tyr Gln Pro Arg Val Leu Ala Val Ile Gly Pro
184          130         135         140
186 His Ser Ser Glu Leu Ala Met Val Thr Gly Lys Phe Phe Ser Phe Phe
187 145          150         155         160
189 Leu Met Pro Gln Val Ser Tyr Gly Ala Ser Met Glu Leu Leu Ser Ala
190          165         170         175
192 Arg Glu Thr Phe Pro Ser Phe Phe Arg Thr Val Pro Ser Asp Arg Val
193          180         185         190
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196          195         200         205
198 Val Ala Ala Leu Gly Ser Asp Asp Glu Tyr Gly Arg Gln Gly Leu Ser
199          210         215         220
201 Ile Phe Ser Ala Leu Ala Ala Arg Gly Ile Cys Ile Ala His Glu
202 225          230         235         240
204 Gly Leu Val Pro Leu Pro Arg Ala Asp Asp Ser Arg Leu Gly Lys Val
205          245         250         255
207 Gln Asp Val Leu His Gln Val Asn Gln Ser Ser Val Gln Val Val Leu
208          260         265         270
210 Leu Phe Ala Ser Val His Ala Ala His Ala Leu Phe Asn Tyr Ser Ile
211          275         280         285
213 Ser Ser Arg Leu Ser Pro Lys Val Trp Val Ala Ser Glu Ala Trp Leu
214          290         295         300
216 Thr Ser Asp Leu Val Met Gly Leu Pro Gly Met Ala Gln Met Gly Thr
217 305          310         315         320
219 Val Leu Gly Phe Leu Gln Arg Gly Ala Gln Leu His Glu Phe Pro Gln
220          325         330         335
222 Tyr Val Lys Thr His Leu Ala Leu Ala Thr Asp Pro Ala Phe Cys Ser
223          340         345         350
225 Ala Leu Gly Glu Arg Glu Gln Gly Leu Glu Glu Asp Val Val Gly Gln
226          355         360         365
228 Arg Cys Pro Gln Cys Asp Cys Ile Thr Leu Gln Asn Val Ser Ala Gly
229          370         375         380
231 Leu Asn His His Gln Thr Phe Ser Val Tyr Ala Ala Val Tyr Ser Val
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234 Ala Gln Ala Leu His Asn Thr Leu Gln Cys Asn Ala Ser Gly Cys Pro
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240 Leu Thr Phe His Val Gly Gly Leu Pro Leu Arg Phe Asp Ser Ser Gly
241           435           440           445
243 Asn Val Asp Met Glu Tyr Asp Leu Lys Leu Trp Val Trp Gln Gly Ser
244           450           455           460
246 Val Pro Arg Leu His Asp Val Gly Arg Phe Asn Gly Ser Leu Arg Thr
247 465           470           475           480
249 Glu Arg Leu Lys Ile Arg Trp His Thr Ser Asp Asn Gln Lys Pro Val
250           485           490           495
252 Ser Arg Cys Ser Arg Gln Cys Gln Glu Gly Gln Val Arg Arg Val Lys
253           500           505           510
255 Gly Phe His Ser Cys Cys Tyr Asp Cys Val Asp Cys Glu Ala Gly Ser
256           515           520           525
258 Tyr Arg Gln Asn Pro Asp Asp Ile Ala Cys Thr Phe Cys Gly Gln Asp
259           530           535           540
261 Glu Trp Ser Pro Glu Arg Ser Thr Arg Cys Phe Arg Arg Arg Ser Arg
262 545           550           555           560
264 Phe Leu Ala Trp Gly Glu Pro Ala Val Leu Leu Leu Leu Leu Leu Leu
265           565           570           575
267 Ser Leu Ala Leu Gly Leu Val Leu Ala Ala Leu Gly Leu Phe Val His
268           580           585           590
270 His Arg Asp Ser Pro Leu Val Gln Ala Ser Gly Gly Pro Leu Ala Cys
271           595           600           605
273 Phe Gly Leu Val Cys Leu Gly Leu Val Cys Leu Ser Val Leu Leu Phe
274           610           615           620
276 Pro Gly Gln Pro Ser Pro Ala Arg Cys Leu Ala Gln Gln Pro Leu Ser
277 625           630           635           640
279 His Leu Pro Leu Thr Gly Cys Leu Ser Thr Leu Phe Leu Gln Ala Ala
280           645           650           655
282 Glu Ile Phe Val Glu Ser Glu Leu Pro Leu Ser Trp Ala Asp Arg Leu
283           660           665           670
285 Ser Gly Cys Leu Arg Gly Pro Trp Ala Trp Leu Val Val Leu Leu Ala
286           675           680           685
288 Met Leu Val Glu Val Ala Leu Cys Thr Trp Tyr Leu Val Ala Phe Pro
289           690           695           700
291 Pro Glu Val Val Thr Asp Trp His Met Leu Pro Thr Glu Ala Leu Val
292 705           710           715           720
294 His Cys Arg Thr Arg Ser Trp Val Ser Phe Gly Leu Ala His Ala Thr
295           725           730           735
297 Asn Ala Thr Leu Ala Phe Leu Cys Phe Leu Gly Thr Phe Leu Val Arg
298           740           745           750
300 Ser Gln Pro Gly Cys Tyr Asn Arg Ala Arg Gly Leu Thr Phe Ala Met
301           755           760           765
303 Leu Ala Tyr Phe Ile Thr Trp Val Ser Phe Val Pro Leu Leu Ala Asn
304           770           775           780
306 Val Gln Val Val Leu Arg Pro Ala Val Gln Met Gly Ala Leu Leu Leu
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:6; N Pos. 3,6,18,21

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Seq#:15; N Pos. 1973,1974,1975,1976,1977,1978,1979,1980,1981,1982,1983,1984

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Seq#:18; Xaa Pos. 1,3,4,6,7,8,11,12,13

Seq#:19; Xaa Pos. 1,3,4,7,9,10,11,13,14,15

VERIFICATION SUMMARY

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L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1200
L:785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1260
L:796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1920
L:797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1980
L:1175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:1239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0